

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number
WO 2005/079747 A1

(51) International Patent Classification⁷: **A61K 9/00**,
31/192, 47/18, A61P 11/04, 29/00, A61K 31/196

(21) International Application Number:
PCT/EP2004/014478

(22) International Filing Date:
20 December 2004 (20.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
MI 2004 A 000235
13 February 2004 (13.02.2004) IT

(71) Applicant (for all designated States except US): **THER-
APICON SRL** [IT/IT]; Via Malachia Marchesi de Taddei
No. 21, 1-20146 Milano (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VERONESI, Paulo,
Alberto** [IT/IT]; Via dei Grimani No. 18, 1-20144 Milano
(IT).

(74) Agents: **HAYES, Adrian, Chetwynd** et al.; Boulton
Tennant, Verulam Gardens, 70 Gray's Inn Road, London
WC1X 8BT (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PHARMACEUTICAL PREPARATION FOR THE ORAL CAVITY

(57) Abstract: An pharmaceutical preparation in the form of an aqueous solution comprising: (a) a nonsteroidal anti-inflammatory drug (NSAID) also having analgesic activity; (b) a biologically compatible buffering organic amine provided with a free or mono-substituted amino group or a mixture thereof, in a quantity suitable for buffering the pH of the preparation within the range specified below; (c) a pH within a range of 6.5 to 8.0; and (d) pharmaceutical grade water; wherein the NSAID (a) is flurbiprofen and/or diclofenac; and the biologically compatible buffering organic amine (b) is D-glucamine, meglumine, trometamol (tris buffer) or a mixture thereof.

WO 2005/079747 A1